

Applications of Organic Peracids, by G. HANUŠ,
CZECH, ~~per~~, Chem Listy, Vol LIII, 1959,
pp 928-940.

ATS CJ-2154

Sci - Chem

May 60

115,436

Knor, Zlatko.

A CONTRIBUTION TO THE CONSTRUCTION OF
VACUUM APPARATUS. [1963] 9p. 29 refs.

Free copies available from Boeing Scientific Research
Labs. Library as Boeing Trans. R62. When supply is
exhausted, order from SLA \$1.10. 63-16548

Trans. of Chemicke Listy (Czecholovakia) 1959, v. 53,
p. 941-944.

DESCRIPTORS: *Vacuum apparatus, *Laboratory
equipment, Meters, Pressure, Measurement, Design,
Operation, Construction, Pressure gages

Topics include: New modification of the McLeod gauge;
ground float cutoff; vacuum cold trap; and semi-automatic
metering device.

(Chemistry, TT, v. 10, no. 11)

63-16548

- I. Knor, Z.
- II. Boeing Trans-R62
- III. Boeing Scientific Research
Labs., Seattle, Wash.

Office of Technical Services

Problems of Analytical Determination of C:C
Bonds, by Bretislav Budešinsky, 52 pp.

CZECH, per, Chem Listy, Vol LIII, 1959,
pp 997-1028.

AEC Tr-4477

Sci .. Chem
Jun 61

155,958

Vecera, M[iroslav], Vojtech, F[rantisek] and
Sekera, B[edrich].
ORGANIC QUANTITATIVE ANALYSIS. XXIII. ELECTRIC HEATING ELEMENT FOR ELEMENTARY ANALYSIS. [1961] [5]p. 6 refs.
Order from SLA mil \$1.80 ph \$1.80 61-10627

Trans. of Chem[icke] Listy (Czechoslovakia) 1959,
v. 53 [no. 10] p. 1054-1057.

An electric furnace with small time factor of heating and cooling, with good heat transfer into the combustion space and readily calibrated temperature along the combustion zone is described. The individual parts of the combustion furnace are; a ceramic isolation shell of wall thickness 3-5mm, frame of stainless steel, and a heating coil of Kanthal resistance wire of 0.75mm minimum diam. By stretching the coil, different temperatures are attainable. The arrangement is employed for the micro determination of carbon, hydrogen, sulfur, halogen and nitrogen and is also suitable for semi-micro analytical methods. (Author)

61-10627

1. Chemical analysis--Equipment
2. Electric furnaces--Designs
- I. Vecera, M.
- II. Vojtech, F.
- III. Sekera, B.
- IV. Title: Electric ...

148594

Office of Technical Services
(Chemistry--Analytical, TT,
v. 5, no. 12)

Navy

R-8120-D
24 Mar 67

Summary for "The Sorption of Trace Quantities
on Glass, by Petr Benes.

CZECH, per, Chemicke Listy, 1960, p 176.

Batteries, by K. Micka, 28 pp.

CZECH, per, Chemicke Listy, Vol LIV, 1960,
pp 229-239.

ERDL, Ft Belvoir
T-1142

Sci
Jun 61

158, 014

22

(DC-4020).

Radiation Chemistry Research in Czechoslovakia,
by Jareslav Bednar, Miroslav Krivanek, 14 pp.
FOR OFFICIAL USE ONLY
CZECH, per, Chemicke Listy, Vol. LIV, No 4,
1960, pp 323-331.

JPRS 6098

Sci " Chem
Oct 60

COPYRIGHT

128,937

Navy

R-8120-D
24 Mar 67

Destillation Apparatus for Obtaining Water of
High Purity, by Víkto Ettel.
CZECH, per, Chemicke Listy, 1960, pp 340-342.

The Radiolysis of Organic Substances, by Jaromir
Kucera, 53 pp.

CZECH, per, Chem Listy, Vol LIV, 1960, pp 764-790.

ABC Tr-4761

Sci
Oct 61

171, 246

List 59

Membrane Filters in the Analysis of Aerosols
and Industrial Dust, by K. Spurny,
~~ZEESAN~~ Chemical Listy, Vol LIV, No 9, 1960,
pp 947-962.
*CFSTI TT 67-59064

Sci-Chem
Jul 67

(SF-1611)

Report on Atropinesterase, by Alcis Cihak, 8 pp.
OFFICIAL USE ONLY

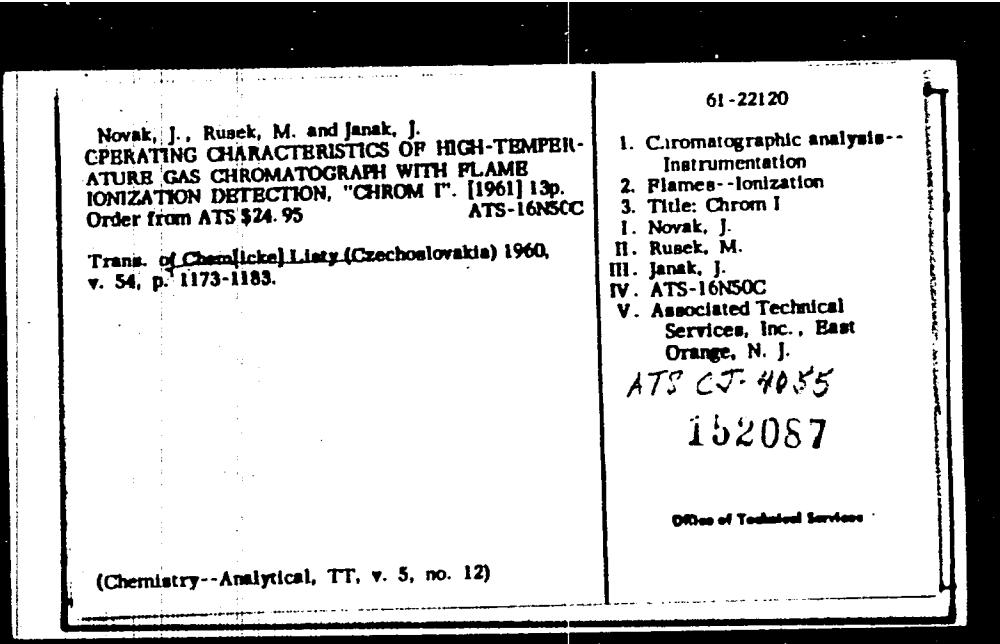
CZECH, per, Chemicke Listy, Vol LIV, No 11, 1960,
pp 1155-1160.

JPRS 4630
COPYRIGHT

155,661

Sci - Chem

Jun 61



(SF-1611).

Czechoslovak Device for Automatic Application of
Detection Reagents on Chromatographic Paper, by
Miroslav Stefl, OUO,

CZECH, per, Chemicke Listy, Vol LIV, No 11, 1960,
pp 1187-1189.

*JPRS
COPYRIGHT

Sci - Chem

7 Mar 61

(SF-1606).

Czechoslovak National Oscilopolarographic Symposium,
by J. Volke, OUO,

CZECH, per, Chemicke Listy, Vol LIV, No 11, 1960,
p 1214.

*JPRS
COPYRIGHT

Sci - Chem

7 Mar 61

(SF-1606)

Study by the Polarographic Institute, Czechoslovak
Academy of Sciences, on the Effect of the Constitution
of Organic Compounds on Their Polarographic Behavior,
by Petr Zuman, 24 pp. OFFICIAL USE ONLY

CZECH, per, Chemicke Listy, Vol LIV, No 12, 1960,
pp 1244-1252.

JPRS 4788
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162.738

Sci - Chem

Aug 61.

Hauptman, Z.
APPAREILLAGE POUR LA CRYSTALLISATION EN
ATMOSPHÈRE PROTECTRICE (Apparatus for Crystallizations in an Inert Atmosphere). 8p. 3 refs.
FX-1279 (text in French).
Order from OTS or ETC \$1.55 62-26188

Trans. in French of Chemicke Listy (Czechoslovakia)
1961, v. 55, p. 70-72.

DESCRIPTORS: *Crystallization, Atmosphere,
Preparation, Purification.

(Physics--Solid State, TT, v. 9, no. 8)

62-26188

- I. Hauptman, Z.
- II. FX-1279
- III. Centre National de la Recherche Scientifique (France)

Office of Technical Services

Rubeska, Ivan, and Polej, Bohumil.
WIDTH OF THE SPECTRAL LINE AND ITS USE IN
SPECTROGRAPHY. [1961] 28p. 45 refs.
Order from: SLA \$2.60

62-10623

Trans. of Časopis Československé Akademie Věd, v. 55, p. 139-153.

DESCRIPTORS: *Spectrographic analysis, *Spectrographic data, Spectrophotometers, Photometers, Photographic emulsions, Photographic plates.

The main factors that determine the width of the line and the situations in which they are applicable are discussed. Literature (mainly west European) published on the subject between 1913 and 1958 is reviewed.

(Physics--Spectroscopy, TT, v. 8, no. 1)

62-10623

1. Title: Stark effect
2. Title: Doppler effect

I. Rubeska, I.

II. Polej, B.

Office of Technical Services

<p>Knizek, Miroslav and Provaznik, Jan. PROBLEMS OF BLIND TEST ANALYSIS OF TRACE ELEMENTS. [1963] 25p. 57 refs. Order from SLA \$2.60</p> <p>Trans. of Chemicke Listy (Czechoslovakia) 1961, v. 55, no. 4, p. 389-399.</p> <p>DESCRIPTORS: *Impurities, *Contamination, Purification, Microanalysis, Chemicals, Semiconductors, A survey of the literature.</p> <p>(Chemistry--Analytical, TT, v. 10, no. 11)</p>	<p>63-18156</p> <p>I. Title: Trace elements I. Knizek, M. II. Provaznik, J.</p> <p>Office of Technical Services</p>
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Psychotropically Active Substances From
Mexican Fungi, by A. Cihak, 6 pp.

CZECH, per, Chemicke Listy, No 5, 1961,
pp 536-541.

ACSI B-9902
ID 2174783

Sci - Biol

169, 923

2 Oct 61

Dolezal, S.
γ-AMINOENANTHIC ACID, ITS LACTAM AND POLYAMIDE; POLYAMIDES FROM HIGHER ω-AMINO ACIDS. [1961] 13p.
Order from ATS \$26.50

ATS-29N57C

Trans. of Chem[icke] Listy (Czechoslovakia) 1961.
v. 55, no. 7, p. 777-788.

DESCRIPTORS: *Amino acids, *Enanthic acid, Acids, *Lactams, *Amides, *Polymers, Synthesis.

(Chemistry--Organic, TT, v. 7, no. 8)

62-12205

I. Dolezal, S.
II. ATS-29N57C
III. Associated Technical Services, Inc., East Orange, N. J.

ATS-CJ-3066

Office of Technical Services

Thin Layer Chromatography Without Binder.
by Zelimir Prochazka, 10 pp.

CZECH, per, Chem Listy, Vol IV, No 8, 1961.
pp 974-902.

NTH 4-19-62

199,815

Sci - Med

Jnn: 68

A Simple Electronic Apparatus for the Coulometric
Determination of Small Quantities of Carbon in Steel,
by J. Hejduk, E. Rechziegel.

CZECH, per, Chemicke Listy, Vol LV, No 9, 1961,
pp 1062-1067.

BISI 3007

Sci - Electron

Jan 63

219, 252

list 160

Paper Chromatography of Organic Substances
After Conversion to Derivatives, by Jiri Gasparic,
5 pp.

CZECH, per, Chemicke Listy, Vol LV, 1961,
pp 1439-1443. 9201275

AEG-tr-5494

Sci. - Phys

219, 925

Jan 63

(NY-6938)

CANDIDACY DISSERTATIONS IN THE FIELD OF
CHEMISTRY, 12 PP. ~~EX~~ GOVERNMENT USE ONLY

CZECH, PER, CHEMICKE LISTY, VOL LX, NO 19,
OCT 1961, PP 1265-1268.

SPRS 13110

SIC - CHEM
MAR 52

100,700

Contemporary State and Vistas in the Development
of Coordination Chemistry, by A. A. Grinberg,
17 pp.

CZECH, per, Chemicke Listy, Vol LVI, No 1,
1962, 10 pp. 9676727

FID-TT-62-248

Sci - Chem

22 May 62

1962, 480

Vulcanization of Silicons, by M. Schmidt.
CZECH, per, Chemicke Listy, Vol 56, No 3,
1962, pp 286-288.
NTC-71-11757-11J

FTD - TT - 62 - 739 472 - 7678107

Feb 72

63-12696

Altaner, Cestmir.
STARCH GEL ELECTROPHORESIS (Elektroforeza ve Skrobovem Gelu) tr. by Hanna Newcombe. 1962, 28p.
163 refs. NRCC Technical Trans. 1046.
Order from NRCC \$1.50

NRCC C-4111

Trans. of Chemicke Listy (Czechoslovakia) 1962, v. 56,
no. 3, p. 334-354.

DESCRIPTORS: *Electrophoresis, *Gels, *Starches,
Preparation, Buffers, *Blood proteins, *Lipoproteins,
*Hemoglobin, Enzymes, *Hormones, Chemical
analysis, Immunology, Biochemical genetics, Pathology,
Bibliography.

- I. Altaner, C.
- II. NRCC TT-1046
- III. NRCC C-4111
- IV. National Research Council of Canada

(Biological Sciences--Biochemistry, TT, v. 9, no. 7)

Office of Technical Services

(HY-2000)

CANDIDACY DISSERTATIONS IN CHEMISTRY IN
CZECHOSLOVAKIA, 2 PP.

CZECH, PER, CHEMICKE LISTY, VCL LVI, NO 4/5,
1962, PP 476, 619.

JPRS 14730

SCI - MISC

AUG 62

205,976

(NY-2000)

BIOGRAPHIC INFORMATION ON PROF. RNDR.
RUDOLF JIRKOVSKY, BY T. CHLEBOVSKY, 8 PP.

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CZECH, PER, CHEMICKE LISTY, VOL LVI, NO 5,
1962, PP 574-576.

JPRS 14729

EEUR - CZECH
BIOG
AUG 62

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Ion Exchangers. A Survey of Their Characteristic Properties, by Milan Marhol, 36 pp.

CZ ECH
GERMAN, per, Chemicke Listy, Vol LVI, 1962,
pp 720-762. 9212199

AEC-Tr-5813

Sci - Nucl Sci

Aug 63

94/322

Alkaloids From Vinca and Catharanthus Genera, by
M. Oldrich Straub, Kamila Pavlova.

CZNCJH, per, Chemical Listy, Vol 19/1, No 8, 1962,
pp 937-1023.

NTM 3-3-63

Ref. -- Chem

Jul 63

232, 610

Report on the Session of the Central Committee
of the Czechoslovak Chemical Society
April 6, 1962, 3 pp. GOVERNMENT USE ONLY

CZECH, ~~per~~, Chemicke Listy, Vol. LVI,
No 9, 1962, pp ~~1150-1151~~,

JPRS 16147

Sci - Misc

Nov 62

Weisser, O.
SULFIDE CATALYSTS, THEIR PROPERTIES AND
USES. July 63, 37p. 996 refs.
Order from ICI in v. 3, no. 3, \$15.00/year

Trans. of Chemicke Listy (Czecholovakia) 1962
[v. 56] no. 10, p. 1222-[1230].

DESCRIPTORS: Chemical engineering, *Sulfides,
*Catalysts, Hydrogenation, Hydrocarbons, Chemical
properties.

(Chemistry--Physical, TT, v. 10, no. 7)

63-17890

- I. Weisser, O.
II. International Chemical
Engineering, New York

B

Office of Technical Services

RESULTS OF 10 YEARS OF WORK IN THE CHEMICAL SCIENCE IN CZECHOSLOVAKIA, BY R. BRDICKA,
20 PP.

CZECH, PER, CHEMICKE LISTY, VOL LVI, NO 11,
1962, PP L, 281-1, 295. *International Order*

JPRS 17759

SCI - CHEM

FEB 63

223,612

BIOGRAPHIC DATA ON LAUREATES OF THE CZECHOSLOVAK
STATE PRIZE IN CHEMISTRY IN 1962, 8 PP.

CZECH, PER, CHEMICKE LISTY, VOL LVI, NO 11,
1962, PP L, 380-1, 384.

JPRS 17759
GOVERNMENT USE ONLY

EE-CZECH
BIOG
FEB 63

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The Continuous Scintillation Method
for the Determination of Selfdiffusion
in Capillaries, by A. Gosman, 6p.
CZECH, per, Chemical Listy, Vol 56,
No 12, 1962, pp 1445-1447.
CSIR-tr.338

336, 179

Sci
Aug 67

A Contribution to the Analytical Chemistry of
Xanthates, by J. Bulandr, M. Dolezil.
CZECH, per, Chemicke Listy, Vol 57, No 8,
1963, pp 803-811.
MT-492

CB 128 MT-492 146

Sci-Chem
Aug 66

307,597

CHEMIST PROFESSOR DR. ENGINEER STANISLAV LANDA IS
SIXTY FIVE YEARS OLD. BY J. MOSTECKY, 5 PP.
~~GOVERNMENT USE ONLY~~

CZECH, PER, CHEMICKE LISTY, NO 8, AUG 1963,
PP 860-870.

JPRS GUO 193

EE-CZECH
B10G
OCT 63

240,529

Preparation of Standards for Neutron Activation
Analysis, by M. Rakovic.
CZECH, per, Chem Listy, Vol 57, 1963, pp 1183-1186.
*NTIS TT 71-56069

July 71

Isolation of Carbide Phase From Titanium-Tungsten-Alloyed
Chromium-Nickel Steel and Its Analysis Via Activation
Method, by O. Opral.

CZECH, per, Chem Listy, No 57, 1963, pp 1294-1300.

*NTIS TT 72-56076

June 72

Replacement Reactions of Complex Compounds and
Their Application in Polarographic Analysis, by
Mileslav Kropanica, 29 pp.
CZECH, per, Chemicke Listy, Vol 58, 1964,
pp 163-178.
AEC UCRL-tr-1243(L)

Sci/Chemistry
Feb 67

518,478

Extension of Chromatograph Chrom I for Dosaging of
Traces of Components Concentrated in a Small
Quantity of Adsorbents, by I. Kavan.
CZECH, per, Chemicke Listy, Vol 58, No 3, 1964, pp 309-
310.
NTC-71-11463-07C

Nov 71

Ion-Exchange Skeletons, Pt XII, New Trends
in the Preparation of Ion-Exchange Resins,
by J. Seidl.
CZECH, per, Chemicke Listy, Vol 58, No 6,
1964, pp 651-656.
SIA TT-66-10341.

Sci-Materials
Oct 66

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The Chemistry of Aqueous Solutions of Zirconium,
by Rostislav Caletka, 41 pp.
CZECH, per, Chemicke Listy, Vol LVIII, 1964,
pp 349-375, 5230404.
AEC-tr-6618

292,990

Sci-Chem
Nov 65

Apparatus for Purifying Inert Gases
From Oxygen, by J. Tcnygl.
CZECH, per, Chem. Listy, Vol 58, No 5,
1964, pp 573-576.
BISI 4100

EE-Czech
Sci/MEM
May 65

279,548

Determination of the Structure of Organic Compounds by Means of Chromatography Function R_f as the Basis of Structural Analysis Based on Chromatography, by Zelimir Prochazka. CZECHI, per, Chemicke Listy, Vol LVIII, 1964, pp 911-945. 9696559

DDC RSIC-390

Sci - Phys
Apr 65

278,247

State Behavior of Pure Gases and Gaseous Mixtures, by J. P. Novak.
CZECH, per, Chemicke Listy, Vol 58, 1964,
pp 1471-1497.
ATS -11889C

Sci-Chem
Sept 66

310,359

Complexometrical Titration of Calcium in the Presence
of Magnesium Using Glyoxal - bis - (2-Hydroxy-Anil) as
Indicator, by V. Skrivanek, P. Klein.
CZECH, per, Chemicke Listy, Vol LXXXVI,
pp 1110-1115.
NZDIA

Sci - Chem
Apr 64

254,597

Chemical Weapons and Antichemical
Defense Means, 13 pp.
CZECH, rpt, Chemicke Zbrane a Prostredky
Protichemicke Ochrany, pp 17-28.
ACSI I-9532
ID 2204020066

EE/wil/Czech
Apr 66

299564

A Complex Substance in Iron Therapy, by M. Chylik,
J. Tomanyna

CZECH, per, Chem Zvesti, Vol IV, 1950, pp 282-288.

Assoc Tech Sv SK-500
\$9.55

Sci - Medicine
Jan 57 CIS

42, 315

Jezo, L., Babor, K., and Bauer, S.
CONTRIBUTION A L'ETUDE DU PHENYL-ACETYL-
CARBINOL (II) (Phenylacetylcarbinol). 5p. 9 refs.
Order from OTS, ETC or CNRS \$0.80 62-26483

Trans. in French of Chemicke Zvesti (Czechoslovakia) 1952 [v. 6] no. 5/6, p. 277-280.

DESCRIPTORS: Phenyl radicals, Acetyl radicals,
Aldehydes, *Cyclohexanes, Decomposition.

(Chemistry--Organic, TT, v. 10, no. 7)

62-26483

I. Title: Phenylacetylcarbinol
I. Jezo, L.
II. Babor, K.
III. Bauer, S.
IV. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Theory of Anomalous Osmosis, by Miroslav Toman, 22 pp.

CZECH, per, Chemicke Zvesti, Vol VII, No 1-2, Jan-Feb
1953, pp 7-18.

NIH

Scientific - Chemistry

Jan 54 CTS

q6b0

TT-65-13844

Field 7C

Domansky, R.

KINETICS OF CONDENSATION OF PYROCATECHOL WITH
FORMALDEHYDE IN SOLUTION OF SODIUM HYDROXIDE.
9p, 16refs.

Order from SLA: \$1.10 as TT-65-13844

Trans. of Chemicke Zvesti (Czechoslovakia) v7 n3/4 p179-87
1953.

MR 666

The Horizontal Dropping Mercury Electrode (With
a Vertical Face), by I. Smoler.

CZECH, per, Chem Zvesti, Vol VIII, No 10,
1955, pp 867-877.

ATS CJ-1995

Sci - Chem

Jan 60

105,692

6
Phtallocyanides, New Reagents in Qualitative Analysis,
by P. Corry.

Czech, per, Chem Zvesti, Vol IX, No 2, pp 94-99.

ASINB-08152

Sci

Aug 59

95075

The Determination of Ammonia in Ammonium Salts
in the Presence of Urea by Means of $\text{Cd}(\text{OH})_2$.
by D. Pristavka, V. Krumery, 14 p.

CZECH, Chem Zvesti, 1956, Vol X, No 3, pp 183-187.

AT&T-17L32C

Sci
Feb 60
Vol 2, No 9

PTS - CJS - 2015

107,030

Characterization of Cellulose by Viscosimetric
Methods, by Ivan Slavik, 9 pp.

CZECH, per, Chemicke Zvesti, Vol X, No 7,
1956, pp 460-467.

CCT-126TP

Sci - Chem
Sep 59
Vol 2, No 1

97748

Esterka, F., and Borisek, R.

THE EFFECT OF LIGNOSULFONIC COMPLEX ON
COLLOIDAL AND RHEOLOGICAL PROPERTIES OF
THE BENTONITE SUSPENSION (Vplyv Ligninsulfonato-
veho Kompleku na Koloidne a Reologicke Vlastnosti
Bentonitickej Suspenze). [1962] [18]p. (Foreign text
included) 20 refs.

Order from SLA \$1.60

62-14571

Trans. of Chemicke Zvesti (Czechoslovakia) 1956,
v. 10, no. 10, p. 604-611.

DESCRIPTORS: *Bentonite, Clays, Tannic acids,
Phenols, Polymers, Stabilization, *Colloids,
*Sulfonic acids, *Lignin, Viscosity, Deformation.

A theory of the organic dispersing agent in the bentonite suspension is developed. There was studied and verified the constitution of the lignine-complex which was isolated from the sulfite waste liquor in a (Chemistry--Physical, TT, v. 8, no. 9) (over)

62-14571

- I. Title: Quebracho
- II. Esterka, F.
- III. Borisek, R.

Office of Technical Services

Mlejnek, O.
COMPARISON BETWEEN THE SYNTHESIS OF ALKYD
RESINS WITH AND WITHOUT SOLUTE tr. by
K. J. Pekarek and A. Delwel. 9p. 13 refs.
MTWL-1105.

Order from GTS or ETC \$1.55 62-26052

Partial trans. of Chemicke Zvesti (Czechoslovakia)
1957, v. 11, p. 358-368.

DESCRIPTORS: *Alkyd resins. *Synthesis, Organic
solvents, Phthalic acids, Malic acid, Adipic acids.

62-26052

I. Mlejnek, O.
II. MTWL-1105
III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Schiller, P. and Tölgessy, J.
SÉPARATION RADIOCHROMATOGRAPHIQUE DU SO-
DIUM ET DU POTASSIUM. COMMUNICATION PRÉLIMINAIRE (Rádiochromatografické Oddelenie
Sodika a Drasíka. Predbežné Označenie)(Radiochromatographic Separation of Sodium and Potassium) 9p.
(Foreign text included) 7 refs. GX-321
Order from OTS, ETC or CNRS \$0.80 TT-63-26915

Trans. in French of *Chemické Zvesti* (Czechoslovakia)
1957, v.11, no.8, p.508-510.

DESCRIPTORS: *Sodium, *Potassium, Separation, Chromatographic analysis, Radioactivity, *Radiochemistry

Chemistry--Inorganic, TT, v. 11, no. 7)

TT-63-26915

I. Schiller, P.
II. Tölgessy, J.
III. CNRS-GX-321
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Polymerization of the Tetra-Substituted Allyl
Methylsilyanes Part I. Kinetics of Polymerization of
Allyl-trimethylsilylne, by D. Mikulasova, A. Hrivik,
17 pp.

CZECH, per: Chemické Zvesti, No 11, 1957, pp 641-650.

ATIC F-PS-9998/V

Sci - Chemistry
Nov 59

102, 401

The Significance of Amino Acids for the Biosynthesis
of Penicillin, by M. Vladimír Betina, 13 pp.

CZECH, per, Chem Zvesti, Vol XI, No 12, 1951,
pp 724-730.

SLA 59-10583

Sci - Med
Sep 54
Vol 2, No 2

97,940

New Differential Determination of the N-alkylamino Derivatives of Phenotiazine, by G. Dusinský, O. Lisková, 17 pp.

CZECH, per, Chemicke Zvesti, Vol XLI No 4, 1956, pp 213-220.

NIH 6-37-61

11/27/76

Sci - Med

Dec 61

Voral, Miroslav.

RECOVERY OF SULFUR IN THE PRODUCTION OF
VISCOSE FIBER AND ITS POSSIBLE IMPROVEMENT.
[1961; 11p. 3 refs.
Order from SLA \$1.60

61-16780

Trans. of Chem[ical] Zvesa (Czechoslovakia) 1958,
v. 12 [no. 4] p. 244-251.

DESCRIPTORS: *Cellulose, Rayon, Production,
*Sulfur, Recovery, Separation, *Synthetic fibers.

We have studied the sources of sulfur losses in the individual phases of the manufacture of viscose staple or the cotton type. We determined the proportions of sulfur lost, relative to the total amount of sulfur added to the manufacturing process. However, the actual amount of sulfur regenerated did not correspond to the sum of the amounts of sulfur amenable to regeneration at the various process steps. Therefore, by improving the conditions in the individual process steps where losses (Materials - Textiles, TT, v. 6, no. 7) (over)

61-16780

I. Voral, M.

Office of Technical Services

The Examination of Materials by Means of
Derivation Thermogravimetry, by L. Erdey, 13 pp.

CZECH, per, Chemicke Zvesti, Vol XII, 1958,
pp 352-365.

AEC tr-3940

Sci - Chem
Apr 60

112, 981

R-570-N

The Reason for Rapid Hardening of Thiokol, by A. Tkac,
GERMAN, per, Chemicke Zvesti, Vol XII, 1958, pp 391-400.

*JPRS for Army Rocket & Guided Missile Agency

Sci

31 May 61

Determination of Active Chlorine And Its
Stability in Chlorinated Egg Albumen,
by J. Vasatko, L. Stankovic.
CZECH, per, Chem Zvesti, Vol XIII, 1959,
pp 817-822.
NASA TT F-10,083

U. S. GOVERNMENT USE ONLY

Sci-Chem

Jun 66

302,040

Utilization of the Zimm Method for Ascertaining the
Molecular Weight of Natural Rubber, by J. Vavra.

CZECH, per, Chemicke Zvesti, No 1., 1960,

ILL M. 2821

Sci

Feb 62

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